

VME Intensity Monitor - Task #16533

Milestone # 16524 (New): Commission new toroid nodes at NML

Create ACNET devices for new toroids

05/15/2017 02:00 PM - John Diamond

Status:	Work in progress	Start date:	05/15/2017
Priority:	Normal	Due date:	
Assignee:	John Diamond	% Done:	100%
Category:	Deploy & Config	Estimated time:	2.00 hours
Target version:		Spent time:	4.00 hours
Description			

History

#1 - 05/16/2017 01:33 PM - John Diamond

- Category set to Deploy & Config
- Status changed from New to Work in progress
- Assignee set to John Diamond

Requested mappings from Brian (via e-mail).

#2 - 05/16/2017 05:46 PM - John Diamond

via e-mail from Brian:

Rack #291, will have one toroid (T440) located right after the Cryomodule, digitizer channel 1 (first ch).
Rack #970, will have one toroid (T612) located before the dump, digitizer channel 1 (first ch).

#3 - 05/16/2017 06:54 PM - John Diamond

This is a list of devices that exist for Toroid #102 on NMLTOR:

N:BBM102	NML Toroid 102 BBM Recrd
N:T102	NML ASTA Toroid 001
N:T102BB	ASTA Tor 102 Bunch Data
N:T102BC	ATST Tor 102 # of Bunch
N:T102BG	ASTA Tor 102 BBB Gain
N:T102BQ	ASTA Tor 102 Bunch Data
N:T102BS	ASTA Tor 102 BBB Sync D1
N:T102BT	ASTA Tor 102 BBB Trg Dly

We will need similar devices for the two new toroids.

#4 - 07/11/2017 12:24 PM - John Diamond

- % Done changed from 0 to 90

Created the following for NMLTR2:

- N:T440
- N:T440BB
- N:T440BC
- N:T440BG
- N:T440BQ
- N:T440BS
- N:T440BT

Created the following for NMLTR3:

- N:T612
- N:T612BB
- N:T612BC

- N:T612BG
- N:T612BQ
- N:T612BS
- N:T612BT

Experiencing data access exceptions trying to use these devices, however...

#5 - 07/11/2017 12:27 PM - John Diamond

Also created:

- N:BBM440
- N:BBM612

(For BBM operation.)

#6 - 07/11/2017 07:18 PM - John Diamond

- % Done changed from 90 to 100

Corrected the target name for NMLTR3 to fix the above mentioned ACNET problems.

Added N:T440BW and N:T612BW.

Note: NMLTR3 does not have TCLK.